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PATENT

Attorney Docket No. 64171.000002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kimball C. Chen *et al*

Serial No.: 10/662,940

Filed: September 16, 2003

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Examiner: Unknown

Group Art Unit: 2632

Confirmation No. 2033

For: Electronic Message Delivery System Utilizable in the Monitoring and Control of Remote Equipment and Method of Same

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RENEWED PETITION FOR EXPEDITED REVIEW UNDER MPEP 708.202 (VIII)**

This is a Renewed Petition under MPEP 708.02 (VIII) for accelerated examination of the above-referenced application and Response to Decision on Petition to Make Special mailed May 3, 2004 that are being filed herewith. In the Decision, the Special Program Examiner has determined that the petition failed to fully discuss the search method employed. More specifically, the Decision determined that details of any text searches were not provided. Accordingly, the Renewed Petition to Make Special provides details of text searches with exemplary words and phrases in Section C below. The petition fee filed with the original Petition for Expedited Review Under MPEP 708.202 (VIII) is deemed to be proper. The Commissioner is authorized to charge any further fees or credit any overpayments to Deposit Account No. 50-0206.

This Petition To Make Special is being made under MPEP 708.02 (VIII). In accordance with that section, Applicants hereby request and submit:

A. The present Renewed Petition to Make Special with fee provided in the original Petition filed January 22, 2004.

B. A set of claims directed to a single invention, as presented in the utility application filed herewith. If the examiner determines that all claims presented are not obviously

directed to a single invention, Applicants will make an election without traverse through a telephone election by the undersigned.

C. Applicants have caused a pre-examination patentability search to be made. A computer database search was conducted on the USPTO patent and patent application databases, along with a literature search on the Internet around August 2003.

Details of various text searches performed on the USPTO databases and search engines (*e.g.*, Google™) available on the Internet include the following exemplary terms and/or phrases:

- demand management
- energy trading
- [(demand or energy) and (manage or management)] and [energy and (trade or trading or exchange or exchanging)]
- curtail(ment)
- load shed(ding)
- load manage(ment)
- power manage(ment)
- demand response
- (remote) electric(ity|ical) control\*
- (remote) energy control\*
- (remote) demand control\*
- (remote) load control\*
- distributed generation

D. An Information Disclosure Statement and a copy of each reference identified as a result of the pre-examination search were submitted with the original Petition, filed January 22, 2004.

E. The independent claims of the application are:

1. A method for controlling one or more of resource-consumption and resource-production associated with a plurality of remote devices, the method comprising the steps of:

- generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and

- transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices.

180. A system for controlling one or more of resource-consumption and resource-production associated with a plurality of remote devices, the system comprising:

a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and

a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device.

359. A method for managing one or more of resource-consumption and resource-production of a plurality of devices, the method comprising the steps of:

making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and

transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device.

376. A system for managing one or more of resource-consumption and resource-production of a plurality of devices, the system comprising:

a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and

a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device.

393. A method for managing one or more of resource-consumption and resource-production of a plurality of devices, the method comprising the steps of:

receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and

communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device.

400. A method for managing one or more of resource-consumption and resource-production of a plurality of devices, the method comprising the steps of:

receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and

performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device.

402. A system for managing one or more of resource-consumption and resource-production of a plurality of devices, the system comprising:

a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and

a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device.

409. A system for managing one or more of resource-consumption and resource-production of a plurality of devices, the method comprising the steps of:

receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and

performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device.

417. A method for controlling one or more of resource-consumption and resource-production associated with a plurality of remote devices, the method comprising the steps of:

identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station;



generating a message related to one or more of resource-consumption and resource-production for the at least one station; and

transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device.

425. A system for controlling one or more of resource-consumption and resource-production associated with a plurality of remote devices, the system comprising:

a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and

a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device.

F. Applicants submit a detailed discussion of the references from the search report as follows:

1. U.S. Patent No. 4,135,101

Young *et al* discloses a method for controlling loads in electric power systems by reduction of peak loads. The Young *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Young *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to

one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Young *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Young *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Young *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Young *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface

units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Young *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Young *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Young *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Young *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a

message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

2. U.S. Patent No. 4,228,364

Walden discloses an energy management system for reducing power consumption of a plurality of loads and including timers for controlling sub-circuits. The Walden reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Walden reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Walden reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at

least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Walden reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Walden reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Walden reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Walden reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In

addition, the Walden reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Walden reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Walden reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

3. U.S. Patent No. 5,909,794

Hedges discloses an energy management method using utility-generated signals for controlling electrical power consumption in residential circuits having a plurality of loads. The Hedges reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of

resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Hedges reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Hedges reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Hedges reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Hedges reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Hedges reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Hedges reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Hedges reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Hedges reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one



communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Hedges reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

4. U.S. Patent No. 4,455,453

Parasekvakos *et al* discloses a remote unit for a remote meter reading system that initiates a telephone call to a central complex at a predetermined callback time. The Parasekvakos *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Parasekvakos *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Parasekvakos *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Parasekvakos *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Parasekvakos *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Parasekvakos *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Parasekvakos *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Parasekvakos *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Parasekvakos *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Parasekvakos *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-

consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

5. U.S. Patent No. 4,711,394

Samuel discloses a an energy management system that pairs zones and respective HVAC units for the zones. The Samuel reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Samuel reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Samuel reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Samuel reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least

one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Samuel reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Samuel reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Samuel reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Samuel reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Samuel reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Samuel reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

6. U.S. Patent No. 5,061,916

French *et al* discloses event drive remote graphical reporting of building automation system parameters. The French *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the French *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one

device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the French *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the French *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The French *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the French *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and

performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The French *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the French *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The French *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the French *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least



one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

7. U.S. Patent No 5,086,385

Launey *et al* discloses expandable home automation controller which supports multiple numbers and different types of data communications. The Launey *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Launey *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Launey *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a

change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Launey *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Launey *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Launey *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Launey *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Launey *et al* reference fails to disclose or suggest a system that

involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Launey *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Launey *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

8. U.S. Patent No. 5,400,246

Wilson *et al* discloses peripheral data acquisition, monitor and adaptive control system via personal computer. The Wilson *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one

communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Wilson *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Wilson *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Wilson *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Wilson *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is

related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Wilson *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Wilson *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Wilson *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Wilson *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a

change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Wilson *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

9. U.S. Patent No. 5,426,620

Budney discloses a load demand and operation control and management process for controlling diverse operation and individual electrical requirement of loads by optimizing the performance of the equipment while controlling and synchronizing the demand of individual load requirements. The Budney reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Budney reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Budney reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Budney reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Budney reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Budney reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Budney reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Budney reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Budney reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Budney reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and



resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

10. U.S. Patent No. 5,428,790

Harper *et al* discloses a computer power management system for battery powered portable computers. The Harper *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Harper *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Harper *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Harper *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least

one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Harper *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Harper *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Harper *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Harper *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking

an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Harper *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Harper *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

11. U.S. Patent No. 5,461,288

Chaves *et al* discloses a power management device for controlling the surge of electrical current demanded following the discharge of a lighting system. The Chaves *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the

Chaves *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Chaves *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Chaves *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Chaves *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least

one device as recited in claims 393-399. In addition, the Chaves *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Chaves *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Chaves *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Chaves *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Chaves *et al* reference fails to disclose or suggest a system that involves a module that

identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

12. U.S. Patent No. 5,500,561

Wilhelm discloses a customer side power management system including a power transducer coupled to electric lines from the utility. The Wilhelm reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Wilhelm reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Wilhelm reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal

based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Wilhelm reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Wilhelm reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Wilhelm reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Wilhelm reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption

and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Wilhelm reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Wilhelm reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Wilhelm reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

13. U.S. Patent No. 5,517,690

Linguist *et al* discloses adaptive cellular paging system with selectively activated cells. The Linguist *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more



of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Linquist *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Linquist *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Linquist *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Linquist *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Linquist *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Linquist *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Linquist *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Linquist *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an

informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Linquist *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

14. U.S. Patent Nos. 5,526,401 and 5,546,444

Roach, Jr. *et al* discloses a paging acknowledgement system for communicating both paging messages and acknowledgement messages to confirm reception of paging messages. The Roach, Jr. *et al* references fail to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Roach, Jr. *et al* references also fail to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-

consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Roach, Jr. *et al* references fail to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Roach, Jr. *et al* references fail to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Roach, Jr. *et al* references fail to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Roach, Jr. *et al* references fail to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or

more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Roach, Jr. *et al* references also fail to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Roach, Jr. *et al* references fail to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Roach, Jr. *et al* references fail to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Roach, Jr. *et al* references fail to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least

one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

15. U.S. Patent No. 5,528,675

Chen discloses a network interface unit for serving a central office line and local stations by interfacing remotely monitored devices. The Chen reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Chen reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Chen reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Chen reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting

module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Chen reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Chen reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Chen reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Chen reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of

providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Chen reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Chen reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

16. U.S. Patent No. 5,594,740

LaDue discloses wireless communication on an existing wireless communication network. The LaDue reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the LaDue reference also fails to disclose or suggest a system including a



central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the LaDue reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the LaDue reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The LaDue reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the LaDue reference fails to disclose or suggest

a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The LaDue reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the LaDue reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The LaDue reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the LaDue reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a

message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

17. U.S. Patent No. 5,629,687

Sutton *et al* discloses universal interface for remotely monitored security systems. The Sutton *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Sutton *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Sutton *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a

change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Sutton *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Sutton *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Sutton *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Sutton *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Sutton *et al* reference fails to disclose or suggest a system that involves

receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Sutton *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Sutton *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

18. U.S. Patent No. 5,642,356

Wenk discloses optimal paging of cellular remote stations using a hard page slot. The Wenk reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where

the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Wenk reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Wenk reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Wenk reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Wenk reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related

to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Wenk reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Wenk reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Wenk reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Wenk reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least

one device associated with the at least one communication device, as recited by claims 417-424. Also, the Wenk reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

19. U.S. Patent No. 5,729,596

Reeder *et al* discloses a security system involving electrical appliances with an entity module which carries a code. The Reeder *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Reeder *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Reeder *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server,



wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Reeder *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Reeder *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Reeder *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Reeder *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication

module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Reeder *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Reeder *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Reeder *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

20. U.S. Patent No. 5,734,645

Raith *et al* discloses transmitting messages using an efficient communications link protocol over an air interface of a cellular communications system. The Raith *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Raith *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Raith *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Raith *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control

signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Raith *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Raith *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Raith *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Raith *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Raith *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption

and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Raith *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

21. U.S. Patent No. 5,737,209

Stevens discloses a power quality and demand management module for correcting inherently bad power quality of devices and for eliminating losses and damage to and within the power distribution system. The Stevens reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Stevens reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational

message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Stevens reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Stevens reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Stevens reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Stevens reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more

of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Stevens reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Stevens reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Stevens reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Stevens reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station

wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

22. U.S. Patent No. 5,748,104

Argyroudis *et al* discloses wireless remote telemetry system which uses low-cost remote communication devices operating on existing wireless communication systems. The Argyroudis *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Argyroudis *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Argyroudis *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least



one device, as recited in claims 359-375. Also, the Argyroudis *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Argyroudis *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Argyroudis *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Argyroudis *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Argyroudis *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least

one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Argyroudis *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Argyroudis *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

23. U.S. Patent No. 5,778,182

Cathey *et al* discloses a usage management system for tracking usage of applications available to subscribers in an interactive network. The Cathey *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device

enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Cathey *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Cathey *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Cathey *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Cathey *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in

accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Cathey *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Cathey *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Cathey *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Cathey *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least

one device associated with the at least one communication device, as recited by claims 417-424. Also, the Cathey *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

24. U.S. Patent Nos. 5,794,210 and 5,855,008

Goldhaber *et al* discloses a system providing immediate payment to computer and other users for paying attention to an advertisement or other information distributed over a computer network. The Goldhaber *et al* references fail to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Goldhaber *et al* references also fail to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Goldhaber *et al* references fail to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-

production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Goldhaber *et al* references fail to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Goldhaber *et al* references fail to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Goldhaber *et al* references fail to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Goldhaber *et al* references also fail to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein

the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Goldhaber *et al* references fail to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Goldhaber *et al* references fail to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Goldhaber *et al* references fail to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

25. U.S. Patent No. 5,880,536

Mardirossian discloses a customer side power management system including an auxiliary fuel cell for reducing potential peak load upon utilities and providing electric power for auxiliary equipment. The Mardirossian reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Mardirossian reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Mardirossian reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Mardirossian reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at



least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Mardirossian reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Mardirossian reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Mardirossian reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Mardirossian reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Mardirossian reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Mardirossian reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

26. U.S. Patent No. 5,917,405

Joao discloses a control apparatus for a vehicle. The Joao reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Joao reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least

one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Joao reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Joao reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Joao reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Joao reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator

and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Joao reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Joao reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Joao reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Joao reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one

communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

27. U.S. Patent No. 5,927,598

Broe discloses an energy management system designed to reduce costs of electrical energy particularly applicable to service businesses. The Broe reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Broe reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Broe reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Broe reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more

of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Broe reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Broe reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Broe reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Broe reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of

providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Broe reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Broe reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

28. U.S. Patent No. 5,937,061

Kim discloses a power saving control apparatus and method for simple electronic exchange system for ensuring efficient system operation and maintaining operation of the system by usage of the electric power from an auxiliary AC power in consideration of battery power even after a main AC power is down. The Kim reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption

and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Kim reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Kim reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Kim reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Kim reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of



one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Kim reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Kim reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Kim reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Kim reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Kim reference fails to disclose or suggest a system that involves a module that

identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

29. U.S. Patent No. 6,026,651

Sandelman discloses a remote controlled defrost sequencer. The Sandelman reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Sandelman reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Sandelman reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal

based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Sandelman reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Sandelman reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Sandelman reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Sandelman reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-

consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Sandelman reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Sandelman reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Sandelman reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

30. U.S. Patent Nos. 6,115,698 and 6,473,744

Tuck *et al* discloses a common marketplace which provides participants the ability to trade electric energy. The Tuck *et al* references fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server

related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Tuck *et al* references also fail to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Tuck *et al* references fail to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Tuck *et al* references fail to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Tuck *et al* references fail to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Tuck *et al* references fail to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Tuck *et al* references also fail to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Tuck *et al* references fail to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Tuck *et al* references fail to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an

informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Tuck *et al* references fail to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

31. U.S. Patent No. 6,178,362

Woolard *et al* discloses an energy management system and method with real-time data retrieval and dissemination process which permits real-time energy data to be communicated within the system. The Woolard *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Woolard *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a

change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Woolard *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Woolard *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Woolard *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Woolard *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of



resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Woolard *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Woolard *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Woolard *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Woolard *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least

one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

32. U.S. Patent No. 6,275,366

Gelbien *et al* discloses an apparatus and method for distributing electrical power from power substation circuits. The Gelbien *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Gelbien *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Gelbien *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Gelbien *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a

transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Gelbien *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Gelbien *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Gelbien *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Gelbien *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking

an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Gelbien *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Gelbien *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

33. U.S. Patent Application Publication No. 2002/0077107

Eng *et al* discloses a method and system for automatic selection of wireless carriers. The Eng *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Eng *et al* reference also fails to disclose or suggest a system including a

central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Eng *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Eng *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Eng *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Eng *et al* reference fails to disclose or

suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Eng *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Eng *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Eng *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Eng *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-

consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

34. U.S. Patent Application Publication No. 2002/0107787

Mashinsky *et al* discloses a method and system for facilitating trading of media space. The Mashinsky *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Mashinsky *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Mashinsky *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at

least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Mashinsky *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Mashinsky *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Mashinsky *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Mashinsky *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims



402-408. In addition, the Mashinsky *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Mashinsky *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Mashinsky *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

35. European Patent Application No. EP 1 202 425 A2

Weiss discloses a system and method for planning energy supply and interface to an energy management system for use in planning energy supply. The Weiss reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by,

resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Weiss reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Weiss reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Weiss reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Weiss reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Weiss reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Weiss reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Weiss reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Weiss reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one

communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Weiss reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

36. OmniMetrix (<http://www.omnimetrix.net/>)

OmniMetrix discloses wireless remote monitoring and remote control systems utilizing public domain cellular and satellite packet data channels. The OmniMetrix reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the OmniMetrix reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the OmniMetrix reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the OmniMetrix reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The OmniMetrix reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the OmniMetrix reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The OmniMetrix reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the OmniMetrix reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The OmniMetrix reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the OmniMetrix reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and

resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

37. Telemax Network (<http://www.guardian-computer.com/>)

Telemax Network discloses a service, repair and on-site installation of various products. The Telemax Network reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Telemax Network reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Telemax Network reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Telemax Network reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least

one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Telemax Network reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Telemax Network reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Telemax Network reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Telemax Network reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking



an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Telemax Network reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Telemax Network reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

38. Questa (<http://www.questra.com>)

Questa discloses technologies to integrate devices, equipment to mobile devices, call centers, etc for remote management. The Questa reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Questa reference also fails to disclose or suggest a

system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Questa reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Questa reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Questa reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Questa reference fails to disclose or

suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Questra reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Questra reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Questra reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Questra reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-

consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

39. Telegestore (Enel Distribuzione)

Telegestore discloses a remote management system for an energy distribution process. The Telegestore reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Telegestore reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Telegestore reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at

least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Telegestore reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Telegestore reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Telegestore reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Telegestore reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims

402-408. In addition, the Telegestore reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Telegestore reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Telegestore reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

40. Cap Gemini Ernst & Young (<http://www.cgey.com>)

Cap Gemini Ernst & Young discloses trading opportunities for Energy companies. The Cap Gemini Ernst & Young reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device;

and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Cap Gemini Ernst & Young reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Cap Gemini Ernst & Young reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Cap Gemini Ernst & Young reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Cap Gemini Ernst & Young reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Cap Gemini Ernst & Young reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Cap Gemini Ernst & Young reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Cap Gemini Ernst & Young reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Cap Gemini Ernst & Young reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production



for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Cap Gemini Ernst & Young reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

41. Alliant Energy ([www.energypulse.net](http://www.energypulse.net))

Alliant Energy discloses a real time notification system for reducing curtailment notification time. The Alliant Energy reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Alliant Energy reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a

change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Alliant Energy reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Alliant Energy reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Alliant Energy reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Alliant Energy reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or

more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Alliant Energy reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Alliant Energy reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Alliant Energy reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Alliant Energy reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least

one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

42. Austin International, Demand Management

Austin International discloses a demand management system that provides total energy control for managing energy usage. The Austin International reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Austin International reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Austin International reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Austin International reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more

devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Austin International reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Austin International reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Austin International reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Austin International reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking

an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Austin International reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Austin International reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

43. Sixth Dimension - Network Infrastructure for Economic Demand Response, Sunil Cherian, PhD, ([www.6d.com](http://www.6d.com))

Sixth Dimension discloses demand response programs. The Sixth Dimension reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Sixth

Dimension reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Sixth Dimension reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Sixth Dimension reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Sixth Dimension reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed

to the at least one device as recited in claims 393-399. In addition, the Sixth Dimension reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Sixth Dimension reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Sixth Dimension reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Sixth Dimension reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Sixth Dimension reference fails to disclose or suggest a system that involves



a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

44. Sixth Dimension - The Intelligent Network Company

Sixth Dimension discloses a demand response programs including direct load control, demand bidding and dynamic pricing. The Sixth Dimension reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Sixth Dimension reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Sixth Dimension reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal

based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Sixth Dimension reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Sixth Dimension reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Sixth Dimension reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Sixth Dimension reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-

consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Sixth Dimension reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Sixth Dimension reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Sixth Dimension reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

45. Electric Power Supply Association (Espa) - [www.espa.org](http://www.espa.org)

ESPA discloses price levels needed to achieve a demand-side response to price spikes. The ESPA reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of

resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the ESPA reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the ESPA reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the ESPA reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The ESPA reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the ESPA reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The ESPA reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the ESPA reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The ESPA reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one

communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the ESPA reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

46. Con Edison ([www.coned.com](http://www.coned.com))

Con Edison discloses energy management involving load-reduction programs to manage energy usage during times of excessive demand. The Con Edison reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Con Edison reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Con Edison reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Con Edison reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Con Edison reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Con Edison reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Con Edison reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Con Edison reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Con Edison reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Con Edison reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and



resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

47. Enerwise Global Technologies, George C. Hunt III ([www.enerwise.com](http://www.enerwise.com))

Enerwise discloses automated tools for giving energy users a thorough understanding of energy data. The Enerwise reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Enerwise reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Enerwise reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Enerwise reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least

one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Enerwise reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Enerwise reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Enerwise reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Enerwise reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the

effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Enerwise reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Enerwise reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

48. Siemens Energy & Automation, James Runnion *et al* ([www.sea.siemens.com](http://www.sea.siemens.com))

Siemens discloses an energy tracking program and strategy focused on curtailing power demand. The Siemens reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Siemens reference also fails to disclose or suggest a system including a

central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Siemens reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Siemens reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Siemens reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Siemens reference fails to disclose or

suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Siemens reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Siemens reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Siemens reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Siemens reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-

consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

49. GE Electrical Distribution & Control, Thomas Brock *et al*

GE Electrical Distribution & Control discloses a power monitoring and power management system. The GE Electrical Distribution & Control reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the GE Electrical Distribution & Control reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the GE Electrical Distribution & Control reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server

generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the GE Electrical Distribution & Control reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The GE Electrical Distribution & Control reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the GE Electrical Distribution & Control reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The GE Electrical Distribution & Control reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with

the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the GE Electrical Distribution & Control reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The GE Electrical Distribution & Control reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the GE Electrical Distribution & Control reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.



50. Heffner, Grayson “Configuring Load as a Resource for Competitive Electricity Markets - Review of Demand Response Programs in the U.S. and Around the World” (<http://eetd.lbl.gov/EA/EMP/>)

Heffner discloses demand response programs involving configuring curtailable load as a resource. The Heffner reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Heffner reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Heffner reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Heffner reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least

one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Heffner reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Heffner reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Heffner reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Heffner reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the

effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Heffner reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Heffner reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

51. Intelligent Technologies ([www.intecham.com/demand/html](http://www.intecham.com/demand/html))

Intelligent Technologies discloses customer response, demand side management. The Intelligent Technologies reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Intelligent Technologies reference also fails to disclose or suggest a system

including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Intelligent Technologies reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Intelligent Technologies reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Intelligent Technologies reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Intelligent Technologies

reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Intelligent Technologies reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Intelligent Technologies reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Intelligent Technologies reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Intelligent Technologies reference fails to disclose or suggest a system that

involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

52. Darnell.Com Inc. - PowerPulse, Jonker *et al*

Darnell.Com discloses enabling distributed generation and demand response with enterprise energy-management systems. The Darnell.Com reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Darnell.Com reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Darnell.Com reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal

based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Darnell.Com reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Darnell.Com reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Darnell.Com reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Darnell.Com reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-

consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Darnell.Com reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Darnell.Com reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Darnell.Com reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

53. The Demand Exchange ([www.demx.com](http://www.demx.com))

Demand Exchange discloses a trading platform for electric utility customers. The Demand Exchange reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more



of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Demand Exchange reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Demand Exchange reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Demand Exchange reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Demand Exchange reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Demand Exchange reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Demand Exchange reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Demand Exchange reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Demand Exchange reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one

station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Demand Exchange reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

54. Arbinet - theexchange ([www.arbinet.com](http://www.arbinet.com))

Arbinet discloses spot market for voice minutes by compiling and distributing market data and developing routing intelligence to buy, sell and manage wholesale voice traffic. The Arbinet reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Arbinet reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-

consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Arbinet reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Arbinet reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Arbinet reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Arbinet reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of

resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Arbinet reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Arbinet reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Arbinet reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Arbinet reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least

one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

55. SchlumbergerSema Energy & Utiligies ([www.schlumbergersema.com](http://www.schlumbergersema.com))

Schlumberger discloses real-time energy management including real-time pricing, load curtailment, advanced energy management and enhanced energy monitoring and control services and technologies. The Schlumberger reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Schlumberger reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Schlumberger reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Schlumberger reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning

one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Schlumberger reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Schlumberger reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Schlumberger reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Schlumberger reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an

alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Schlumberger reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Schlumberger reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

56. Comverge ([www.comverge.com](http://www.comverge.com))

Comverge discloses software for energy management directed to conservation, analysis, metering and pricing. The Comverge reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in



claims 1-179 and 411-413. In addition, the Comverge reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Comverge reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Comverge reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Comverge reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least

one device as recited in claims 393-399. In addition, the Comverge reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Comverge reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Comverge reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Comverge reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Comverge reference fails to disclose or suggest a system that involves a module that

identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

57. Allen-Bradley, Rockwell Automation ([www.ab.com/PEMS/news.html](http://www.ab.com/PEMS/news.html))

Allen-Bradley discloses energy management software for optimizing energy consumption and reduce costs. The Allen-Bradley reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Allen-Bradley reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Allen-Bradley reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal

based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Allen-Bradley reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Allen-Bradley reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Allen-Bradley reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Allen-Bradley reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-

consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Allen-Bradley reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Allen-Bradley reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Allen-Bradley reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

58. California Energy Commission ([www.energy.ca.gov/demandresponse/](http://www.energy.ca.gov/demandresponse/))

California Energy Commission discloses a demand response proceeding order instituting rulemaking. The California Energy Commission reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a

central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the California Energy Commission reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the California Energy Commission reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the California Energy Commission reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The California Energy Commission reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the California Energy Commission reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The California Energy Commission reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the California Energy Commission reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The California Energy Commission reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production

for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the California Energy Commission reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

59. Southern California Edison ([www.sce.com](http://www.sce.com))

Southern California Edison discloses demand response programs to help customers reduce their energy usage during peak times while lowering their electricity costs. The Southern California Edison reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Southern California Edison reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of



resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Southern California Edison reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Southern California Edison reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Southern California Edison reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Southern California Edison reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of

providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Southern California Edison reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Southern California Edison reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Southern California Edison reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Southern California Edison reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational

message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

60. APX - Demand Market Services ([www.apx.com](http://www.apx.com))

APX discloses demand market services for businesses, utilities and regulators to help control market volatility during times of high electricity usage. The APX reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the APX reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the APX reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the APX reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more

of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The APX reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the APX reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The APX reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the APX reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of

providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The APX reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the APX reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

61. Lawrence Berkeley National Laboratory - Remote Building Monitoring and Operations Project (<http://pueblo.lbl.gov>)

Lawrence Berkeley National Laboratory discloses remote building monitoring and operations for reducing costs of building monitoring and control and thereby permitting more extensive monitoring and control of building HVAC and lighting systems. The Lawrence Berkeley National Laboratory reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the

effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Lawrence Berkeley National Laboratory reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Lawrence Berkeley National Laboratory reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Lawrence Berkeley National Laboratory reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Lawrence Berkeley National Laboratory reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein

the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Lawrence Berkeley National Laboratory reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Lawrence Berkeley National Laboratory reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Lawrence Berkeley National Laboratory reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Lawrence Berkeley National Laboratory reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one

communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Lawrence Berkeley National Laboratory reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

62. Elation Technologies ([www.elationtech.us](http://www.elationtech.us))

Elation discloses on-demand remote technology for delivering increased first-call resolution and shorter average call times. The Elation reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Elation reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.



Additionally, the Elation reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Elation reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Elation reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Elation reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Elation reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Elation reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Elation reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Elation reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and

resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

63. Inncom (www.inncom.com)

Inncom discloses remote control of lamps and switched lighting in guestrooms using infrared technology. The Inncom reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Inncom reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Inncom reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Inncom reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least

one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Inncom reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Inncom reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Inncom reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Inncom reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the

effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Inncom reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Inncom reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

#### 64. Power Smart

Power Smart discloses HVAC control of remote sites. The Power Smart reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Power Smart reference also fails to disclose or suggest a system including a central server that

generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Power Smart reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Power Smart reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Power Smart reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Power Smart reference fails to disclose

or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Power Smart reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Power Smart reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Power Smart reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Power Smart reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-

consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

65. Bomara Associates ([www.bomara.com](http://www.bomara.com))

Bomara discloses an advanced remote power control and load shedding to mission critical networking and internetworking equipment. The Bomara reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Bomara reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Bomara reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at



least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Bomara reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Bomara reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Bomara reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Bomara reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In

addition, the Bomara reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Bomara reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Bomara reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

66. Ercim, Leila Rannanjarvi - [www.ercim.org](http://www.ercim.org)

Ercim discloses remote control and monitoring over the Internet. The Ercim reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one

informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Ercim reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Ercim reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Ercim reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Ercim reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related

to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Ercim reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Ercim reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Ercim reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Ercim reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least

one device associated with the at least one communication device, as recited by claims 417-424. Also, the Ercim reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

67. Telemetric ([www.telemetric.net](http://www.telemetric.net))

Telemetric discloses low-cost wireless solutions that provide utilities with an affordable option for communicating with downline equipment and machinery. The Telemetric reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Telemetric reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Telemetric reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-

production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Telemetric reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Telemetric reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Telemetric reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Telemetric reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein

the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Telemetric reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Telemetric reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Telemetric reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

68. Environment and Energy Management ([www.itrd.gov](http://www.itrd.gov))

Environment and Energy Management discloses energy management including remote monitoring and control of energy usage and remote acquisition, central analysis and distribution of energy information. The Environment and Energy Management reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Environment and Energy Management reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Environment and Energy Management reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Environment and Energy Management reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related



to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Environment and Energy Management reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Environment and Energy Management reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Environment and Energy Management reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Environment and Energy Management reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or

more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Environment and Energy Management reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Environment and Energy Management reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

69. Remote Measurement Systems ([www.measure.com](http://www.measure.com))

Remote Measurement Systems discloses reducing electrical power usage. The Remote Measurement Systems reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-

413. In addition, the Remote Measurement Systems reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Remote Measurement Systems reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Remote Measurement Systems reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Remote Measurement Systems reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production

attributed to the at least one device as recited in claims 393-399. In addition, the Remote Measurement Systems reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Remote Measurement Systems reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Remote Measurement Systems reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Remote Measurement Systems reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited

by claims 417-424. Also, the Remote Measurement Systems reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

70. Mark Duszynski "Retail Chains Realize Savings with Remote Monitoring and Control"

Duszynski discloses savings realized by retail chains with remote monitoring and control. The Duszynski reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Duszynski reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Duszynski reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server,

wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Duszynski reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Duszynski reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Duszynski reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Duszynski reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication

module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Duszynski reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Duszynski reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Duszynski reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

71. INOV - Remote Mangement of Energy ([www.inov.pt](http://www.inov.pt))

Inov discloses remote management of energy that allows companies in the field of energy resources distribution to monitor and update services offered to customers. The Inov reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Inov reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Inov reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Inov reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control



signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Inov reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Inov reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Inov reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Inov reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Inov reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one

or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Inov reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

72. Citect ([www.citect.com](http://www.citect.com))

Citect discloses remote monitoring and control systems for power distribution for increasing efficiency and reducing downtime. The Citect reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Citect reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of

resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Citect reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Citect reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Citect reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Citect reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with

taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Citect reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Citect reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Citect reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Citect reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least

one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

73. Siemens - SARRACS ([www.sea.siemens.com](http://www.sea.siemens.com))

Siemens SARRACS discloses a safety remote breaking racking system. The Siemens SARRACS reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Siemens SARRACS reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Siemens SARRACS reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Siemens SARRACS reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more

devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Siemens SARRACS reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Siemens SARRACS reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Siemens SARRACS reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Siemens SARRACS reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking

an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Siemens SARRACS reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Siemens SARRACS reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

74. Rannanjarvi, Leila “Remote Control and Monitoring over the Internet - Wireless Construction Site” - VTT Electronics

Rannanjarvi discloses remote management of energy that allows companies in the field of energy resources distribution to monitor and update services offered to customers. The Rannanjarvi reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production

attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Rannanjarvi reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Rannanjarvi reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Rannanjarvi reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Rannanjarvi reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a



change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Rannanjarvi reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Rannanjarvi reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Rannanjarvi reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Rannanjarvi reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424.

Also, the Rannanjarvi reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

75. Energy Ideas Clearinghouse

Energy Ideas Clearinghouse discloses an equipment controller designed to reduce electric peak demand charges. The Energy Ideas Clearinghouse reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Energy Ideas Clearinghouse reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Energy Ideas Clearinghouse reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and

is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Energy Ideas Clearinghouse reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Energy Ideas Clearinghouse reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Energy Ideas Clearinghouse reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, deactivating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Energy Ideas Clearinghouse reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at

least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Energy Ideas Clearinghouse reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Energy Ideas Clearinghouse reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Energy Ideas Clearinghouse reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

76. Hebert, Dan, "Optimizing Energy Consumption" ([www.controlmagazine.com](http://www.controlmagazine.com))

Hebert discloses process optimization and demand management systems that limit peak loads, reduce consumption, and correct power factors. The Hebert reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Hebert reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Hebert reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Hebert reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control

signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Hebert reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Hebert reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Hebert reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Hebert reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Hebert reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to

one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Hebert reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

77. Ontario Power Generation, Wayne Bingham

Ontario Power Generation discloses integrating trading with energy producing assets. The Ontario Power Generation reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Ontario Power Generation reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a

change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Ontario Power Generation reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Ontario Power Generation reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Ontario Power Generation reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Ontario Power Generation reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, deactivating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of



providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Ontario Power Generation reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Ontario Power Generation reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Ontario Power Generation reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Ontario Power Generation reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational

message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

78. The Institute of Petroleum

Institute of Petroleum discloses price risk management in energy tradingan equipment controller designed to reduce electric peak demand charges. The Institute of Petroleum reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Institute of Petroleum reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Institute of Petroleum reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Institute of Petroleum reference fails to

disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Institute of Petroleum reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Institute of Petroleum reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Institute of Petroleum reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Institute of Petroleum reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or

more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Institute of Petroleum reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Institute of Petroleum reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

79. KEMA Consulting ([www.kemaconsulting.com](http://www.kemaconsulting.com))

KEMA Consulting discloses energy marketing and trading. The KEMA Consulting reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a

change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the KEMA Consulting reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the KEMA Consulting reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the KEMA Consulting reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The KEMA Consulting reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one

device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the KEMA Consulting reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The KEMA Consulting reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the KEMA Consulting reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The KEMA Consulting reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed

to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the KEMA Consulting reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

80. Cogen, Jack and Varilek, Matthew “Promoting Renewable Energy and Demand-Side Management Through Emissions Trading Program Design”  
([www.rand.org/scitech/stpi/Evision/Supplement/cogen.pdf](http://www.rand.org/scitech/stpi/Evision/Supplement/cogen.pdf))

Cogen *et al* discloses energy and demand side management through emissions trading program design. The Cogen *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Cogen *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Cogen *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Cogen *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Cogen *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Cogen *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.



The Cogen *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Cogen *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Cogen *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Cogen *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and

resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

81. Fahrioglu, Murat and Alvarado, Fernando “Designing Cost Effective Demand Management Contracts Using Game Theory” ([www.pserc.wisc.edu/ecow/get/publicatio/1999public/murat5.pdf](http://www.pserc.wisc.edu/ecow/get/publicatio/1999public/murat5.pdf))

Fahrioglu *et al* discloses demand management contracts using game theory that involves an incentive structure that encourages customers to sign up for the right contract and reveal true value of power. The Fahrioglu *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Fahrioglu *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Fahrioglu *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Fahrioglu *et al* reference fails to disclose or

suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Fahrioglu *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Fahrioglu *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Fahrioglu *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Fahrioglu *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of

displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Fahrioglu *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Fahrioglu *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

82. Oren, Shmuel “Integrating Real and Financial Options in Demand-Side Electricity Contracts” ([www.sal.hut.fi/Teaching/Mat-2.142/elmarket/Saariselka/Oren.pdf](http://www.sal.hut.fi/Teaching/Mat-2.142/elmarket/Saariselka/Oren.pdf))

Oren discloses enabling customers to purchase a forward electricity contract bundled with a financial option that provides a hedge against price risk and reflects real options available to the customer. The Oren reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device,

where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Oren reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Oren reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Oren reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Oren reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related

to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Oren reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Oren reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Oren reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Oren reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least

one device associated with the at least one communication device, as recited by claims 417-424. Also, the Oren reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

83. Huang, Jim and Zhang, Zhi-Li “Smart Environments and Remote Control Services: Issues and Challenges” (c2000.cc.gatech.edu/events/smart-envs/papers/zhang.doc)

Huang *et al* discloses gathering information by embedded sensors and executing appropriate control algorithms through embedded actuators. The Huang *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Huang *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Huang *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Huang *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Huang *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Huang *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.



The Huang *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Huang *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Huang *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Huang *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and

resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

84. Sauerbronn *et al* “Remote Control of Energy Generation Using Low Orbit Satellites and Its Use in Amazonia Integration”

Sauerbronn *et al* discloses remote control of energy using low orbit satellites. The Sauerbronn *et al* reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Sauerbronn *et al* reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Sauerbronn *et al* reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Sauerbronn *et al* reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a

transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Sauerbronn *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Sauerbronn *et al* reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Sauerbronn *et al* reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Sauerbronn *et al* reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking

an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Sauerbronn *et al* reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Sauerbronn *et al* reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

85. Klinkmann ([www.klinkmann.com](http://www.klinkmann.com))

Klinkmann discloses wirelessly communicating aerial platforms with GSM enable remote service and maintenance. The Klinkmann reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Klinkmann reference also fails to disclose or suggest

a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Klinkmann reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Klinkmann reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Klinkmann reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Klinkmann reference fails to disclose or

suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Klinkmann reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Klinkmann reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Klinkmann reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Klinkmann reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-

consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

86. Mimno, Gerald “Meter Interval Data on the Internet: the Value Pyramid from AMR to Risk Management”

Mimo discusses the value of real-time interval data on the Internet, including risk management, aggregation and distributed generation and optimization and curtailment. The Mimo reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Mimo reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Mimo reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least

in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Mimo reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Mimo reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Mimo reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Mimo reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption



and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Mimo reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Mimo reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Mimo reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

87. Cannon Technologies “Mass Market Pay-For-Performance (PFP) Incentive Plan”

Cannon Technologies discloses a pay for performance incentive plan. The Cannon Technologies reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more

of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Cannon Technologies reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Cannon Technologies reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Cannon Technologies reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Cannon Technologies reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Cannon Technologies reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Cannon Technologies reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Cannon Technologies reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Cannon Technologies reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least

one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Cannon Technologies reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

88. New York Times, Matthew Wald, “Lag of Data to Grid Operator May Be a Key to Blackout”

New York Times discusses the black out of August 14, 2003 and the inability of the consortium to learn about all the transmission line failures in Ohio and to adjust the system accordingly before the system’s collapse. The New York Times reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the New York Times reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device,

where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the New York Times reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the New York Times reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The New York Times reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the New York Times reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control

signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The New York Times reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the New York Times reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The New York Times reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the New York Times reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one

communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

89. Ademco ([www.ademco.com](http://www.ademco.com))

Ademco discloses residential and commercial security systems. The Ademco reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Ademco reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Ademco reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Ademco reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or

more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Ademco reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Ademco reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Ademco reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Ademco reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to



the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Ademco reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Ademco reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

90. Aircept.com, LLC ([www.aircept.com](http://www.aircept.com))

Aircept discloses wireless vehicle monitoring and tracking services. The Aircept reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the

Aircept reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Aircept reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Aircept reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Aircept reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one

device as recited in claims 393-399. In addition, the Aircept reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Aircept reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Aircept reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Aircept reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Aircept reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-

consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

91. AirIQ ([www.airiq.com](http://www.airiq.com))

AirIQ discloses combining mobile computing intelligence, wireless communications, location-based technologies, the Internet and digitized mapping. The AirIQ reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the AirIQ reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the AirIQ reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at

least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the AirIQ reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The AirIQ reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the AirIQ reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The AirIQ reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the AirIQ reference fails to disclose or suggest a system that involves receiving at least

one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The AirIQ reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the AirIQ reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

92. American Innovations ([www.aimetering.com](http://www.aimetering.com))

American Innovations discloses telephone-based metering solution for residential and commercial electricity customers. The American Innovations reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational

message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the American Innovations reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the American Innovations reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the American Innovations reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The American Innovations reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control

signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the American Innovations reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The American Innovations reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the American Innovations reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The American Innovations reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at



least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the American Innovations reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

93. Metrix Networks (formally AurionTech.com and TelemetryTech.com)

Metrix Networks discloses Internet based gas and oilfield automation. The Metrix Networks reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Metrix Networks reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Metrix Networks reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Metrix Networks reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Metrix Networks reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Metrix Networks reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Metrix Networks reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Metrix Networks reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Metrix Networks reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Metrix Networks reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and

resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

94. Cannon Technologies ([www.cannontech.com](http://www.cannontech.com))

Cannon Technologies discloses cost-effective products including demand response, distribution automation, substation automation, energy information, automated meter reading and software applications. The Cannon Technologies reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Cannon Technologies reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Cannon Technologies reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Cannon Technologies reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more

devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Cannon Technologies reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Cannon Technologies reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Cannon Technologies reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Cannon Technologies reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated

with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Cannon Technologies reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Cannon Technologies reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

95. Cellemetry ([www.cellemetry.com](http://www.cellemetry.com))

Cellemetry discloses wireless data communications that taps unused capacity of cellular telephone network overhead control channels. The Cellemetry reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or

more devices as recited in claims 1-179 and 411-413. In addition, the Cellemetry reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Cellemetry reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Cellemetry reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Cellemetry reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least

one device as recited in claims 393-399. In addition, the Cellemetry reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Cellemetry reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Cellemetry reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Cellemetry reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Cellemetry reference fails to disclose or suggest a system that involves a module that



identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

96. Equitrac ([www.equitrac.com](http://www.equitrac.com))

Equitrac discloses tools to enable customers to accurately monitor and measure costs associated with printing, copying, scanning and faxing. The Equitrac reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Equitrac reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Equitrac reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal

based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Equitrac reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Equitrac reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Equitrac reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Equitrac reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption

and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Equitrac reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Equitrac reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Equitrac reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

97.     Fibres International ([www.fibres.net](http://www.fibres.net))

Fibres International discloses recycling equipment. The Fibres International reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by,

resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Fibres International reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Fibres International reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Fibres International reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Fibres International reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Fibres International reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Fibres International reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Fibres International reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Fibres International reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one

station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Fibres International reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

98. Xsilogy (formerly Graviton) ([www.xsilogy.com](http://www.xsilogy.com))

Xsilogy discloses real-time monitoring systems that translate power and efficiency of recycling equipment. The Xsilogy reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Xsilogy reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Xsilogy reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Xsilogy reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Xsilogy reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Xsilogy reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Xsilogy reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Xsilogy reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Xsilogy reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Xsilogy reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and



resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

99. Honeywell (www.honeywell.com)

Honeywell discloses automation and control solutions to control heating, cooling, ventilation, humidification, industrial process automation, etc. The Honeywell reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Honeywell reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Honeywell reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Honeywell reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a

transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Honeywell reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Honeywell reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Honeywell reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Honeywell reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having

the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Honeywell reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Honeywell reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

100. iControl ([www.icontrol-inc.com](http://www.icontrol-inc.com))

iControl discloses data collection and automation networks to distributed industrial systems. The iControl reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the iControl reference also fails to disclose or suggest a system including a

central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the iControl reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the iControl reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The iControl reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the iControl reference fails to disclose or

suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The iControl reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the iControl reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The iControl reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the iControl reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-

consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

101. LaBarge ([www.labarge.com](http://www.labarge.com))

LaBarge discloses electronics for technology driven companies in diverse, industrial markets. The LaBarge reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the LaBarge reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the LaBarge reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at

least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the LaBarge reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The LaBarge reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the LaBarge reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The LaBarge reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In

addition, the LaBarge reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The LaBarge reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the LaBarge reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

102. Lat-Lon ([www.lat-lon.com](http://www.lat-lon.com))

Lat-Lon discloses self-powered wireless monitoring and tracking devices to the transportation and heavy equipment industry. The Lat-Lon reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and



control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Lat-Lon reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Lat-Lon reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Lat-Lon reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Lat-Lon reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Lat-Lon reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Lat-Lon reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Lat-Lon reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Lat-Lon reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an

informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Lat-Lon reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

103. National Systems & Research ([www.nsr.com](http://www.nsr.com))

NSR discloses information technology services to businesses and government. The NSR reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the NSR reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the NSR reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the NSR reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The NSR reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the NSR reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The NSR reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the NSR reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The NSR reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the NSR reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and

resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

104. Opto 22 ([www.opto22.com](http://www.opto22.com))

Opto 22 discloses hardware and software for industrial automation, remote monitoring and data acquisition. The Opto 22 reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Opto 22 reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Opto 22 reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Opto 22 reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least

one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Opto 22 reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Opto 22 reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Opto 22 reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Opto 22 reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the

effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Opto 22 reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Opto 22 reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

105. Pivotrac ([www.pivotrac.com](http://www.pivotrac.com))

Pivotrac discloses Internet-based mobile monitoring and control services for remote field equipment. The Pivotrac reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Pivotrac reference also fails to disclose or suggest a system including a



central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Pivotrac reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Pivotrac reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Pivotrac reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Pivotrac reference fails to disclose or

suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Pivotrac reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Pivotrac reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Pivotrac reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Pivotrac reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-

consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

106. Qualcomm (www.qualcomm.com)

Qualcomm discloses chipsets used in network base stations, handsets, modems, kid trackers, camera phones, MP3 players, game players, surveillance systems and care safety systems. The Qualcomm reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Qualcomm reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Qualcomm reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal

based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Qualcomm reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Qualcomm reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Qualcomm reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Qualcomm reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-

consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Qualcomm reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Qualcomm reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Qualcomm reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

107. Rockwell Automation ([www.rockwellautomation.com](http://www.rockwellautomation.com))

Rockwell Automation discloses power, control and information solutions. The Rockwell Automation reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of

resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Rockwell Automation reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Rockwell Automation reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Rockwell Automation reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Rockwell Automation reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Rockwell Automation reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Rockwell Automation reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Rockwell Automation reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Rockwell Automation reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least

one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Rockwell Automation reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

108. ROM communications ([www.romcomm.com](http://www.romcomm.com))

ROM communications discloses web to wireless monitoring of fixed and mobile assets. The ROM communications reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the ROM communications reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of



resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the ROM communications reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the ROM communications reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The ROM communications reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the ROM communications reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a

change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The ROM communications reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the ROM communications reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The ROM communications reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the ROM communications reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at

least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

109. Stovact (www.stovact.com)

Stovact discloses stolen vehicle activation systems. The Stovact reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Stovact reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Stovact reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Stovact reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or

more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Stovact reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Stovact reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Stovact reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Stovact reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the

effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Stovact reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Stovact reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

110. Strison Wireless ([www.strison.com](http://www.strison.com))

Strison Wireless discloses wireless to internet remote monitoring systems. The Strison Wireless reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Strison Wireless reference also fails to disclose or suggest a system

including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Strison Wireless reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Strison Wireless reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Strison Wireless reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Strison Wireless

reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Strison Wireless reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Strison Wireless reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Strison Wireless reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Strison Wireless reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more

of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

111. Silicon Energy ([www.siliconenergy.com](http://www.siliconenergy.com))

Silicon Energy discloses infrastructure for centralizing, validating and warehousing, meter information, calculating and validating bills, allocating utility costs, benchmarking and budgeting energy consumption and spending. The Silicon Energy reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Silicon Energy reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Silicon Energy reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal



based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Silicon Energy reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Silicon Energy reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Silicon Energy reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Silicon Energy reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-

consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Silicon Energy reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Silicon Energy reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Silicon Energy reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

112. Telemetric ([www.telemetric.com](http://www.telemetric.com))

Telemetric discloses electronic products for the industrial control market. The Telemetric reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-

consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Telemetric reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Telemetric reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Telemetric reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Telemetric reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Telemetric reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Telemetric reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Telemetric reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Telemetric reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an

informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Telemetric reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

113. Telular ([www.telular.com](http://www.telular.com))

Telular discloses wireline to wireless communication technology. The Telular reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Telular reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Telular reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Telular reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Telular reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Telular reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Telular reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Telular reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Telular reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Telular reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and

resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

114. Tridium ([www.tridium.com](http://www.tridium.com))

Tridium discloses software framework that integrates diverse systems and devices into a unified platform that can be managed and controlled in real time over the Internet. The Tridium reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Tridium reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Tridium reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Tridium reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a



transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Tridium reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Tridium reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Tridium reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Tridium reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the

effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Tridium reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Tridium reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

115. Utilitech ([www.utilitech.com](http://www.utilitech.com))

Utilitech discloses energy procurement and energy saving technologies. The Utilitech reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Utilitech reference also fails to disclose or suggest a system including a central server that

generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Utilitech reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Utilitech reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Utilitech reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Utilitech reference fails to disclose or

suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Utilitech reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Utilitech reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Utilitech reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Utilitech reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-

consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

116. YDI ([www.ydi.com](http://www.ydi.com))

YDI discloses broadband wireless Internet and LAN network solutions. The YDI reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the YDI reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the YDI reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a

change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the YDI reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The YDI reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the YDI reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The YDI reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the YDI reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related

to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The YDI reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the YDI reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

117. ZenSys ([www.zen-sys.com](http://www.zen-sys.com))

Zensys discloses wireless networking technology for control and status reading applications. The Zensys reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the

effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Zensys reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Zensys reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Zensys reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Zensys reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance



with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Zensys reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Zensys reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Zensys reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Zensys reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424.

Also, the Zensys reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

118. Demand Response Programs ([www.naseo.org/committees/energy/documents/demand\\_response\\_programs\\_final.PDF](http://www.naseo.org/committees/energy/documents/demand_response_programs_final.PDF))

Naseo discloses various demand response programs including load management, demand management and financial incentives. The Naseo reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Naseo reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Naseo reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server,

wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Naseo reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Naseo reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Naseo reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Naseo reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to

take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Naseo reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Naseo reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Naseo reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

119. Taming Price Volatility with the Next Generation of Load Management  
([www.retx.com/images/upload/WhitePapers/White%20Paper\\_taming\\_price.pdf](http://www.retx.com/images/upload/WhitePapers/White%20Paper_taming_price.pdf))

Retx discloses voluntary load management programs. The Retx reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Retx reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Retx reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Retx reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or

more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Retx reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Retx reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Retx reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Retx reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Retx reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and

transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Retx reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

120. Executive Summary ([www.energypromotion.net/DR\\_ExecSumm.pdf](http://www.energypromotion.net/DR_ExecSumm.pdf))

Energy Promotion discloses demand response and demand bidding programs. The Energy Promotion reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Energy Promotion reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of

resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Energy Promotion reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Energy Promotion reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Energy Promotion reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Energy Promotion reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a



change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Energy Promotion reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Energy Promotion reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Energy Promotion reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Energy Promotion reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking

of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

121. Retx Inc. and Pentech Solutions Inc. Begin Strategic Alliance to Help End-Users in Volatile Energy Markets ([www.retx.com/newsitem.asp?newsid=59&newstype=C](http://www.retx.com/newsitem.asp?newsid=59&newstype=C))

Retx/Pentech discloses application services in the energy industry. The Retx/Pentech reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Retx/Pentech reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Retx/Pentech reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Retx/Pentech reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning

one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Retx/Pentech reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Retx/Pentech reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Retx/Pentech reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Retx/Pentech reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an

alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Retx/Pentech reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Retx/Pentech reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

122. Pentech Energy Solutions Inc. Brings Latest Advance in Energy Efficiency to the Residential Market ([www.findarticles.com/cf\\_dls/m0EIN/1999\\_June\\_28/55000597/print.jhtml](http://www.findarticles.com/cf_dls/m0EIN/1999_June_28/55000597/print.jhtml))

Pentech discloses advances in energy efficiency to residential markets. The Pentech reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least

one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Pentech reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Pentech reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Pentech reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Pentech reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a

change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Pentech reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Pentech reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Pentech reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Pentech reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424.

Also, the Pentech reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

123. An Initial Analysis of Recent Wholesale Prices, Price Caps, and Their Effect on Competitive Bulk Power Markets  
([www.epsa.org/forms/documents/DocumentFormPublic/view?id=30500000034E](http://www.epsa.org/forms/documents/DocumentFormPublic/view?id=30500000034E))

Epsa discloses analysis of wholesale prices, price caps and their effect on competitive bulk power markets. The Epsa reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Epsa reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Epsa reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-

production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Epsa reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Epsa reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Epsa reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Epsa reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that



communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Epsa reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Epsa reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Epsa reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

124. Using Tactical Demand Response to Help Defer T& D Capital Expenditures - Tactical Demand Response What? Why? Why Not? (Bob Vickery of Allied Utility Network 2003)

Vickery discloses tactical demand response. The Vickery reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Vickery reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Vickery reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Vickery reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the

determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Vickery reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Vickery reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Vickery reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Vickery reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Vickery reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Vickery reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

125. Rethinking Distributed Generation - An energy management tool that has the added benefit of providing emergency power as well (Charles Athanasia of ConEdison Solutions in Business Facilities Guide, Oct. 2002)

Athanasia discloses energy management tool that provides emergency power. The Athanasia reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Athanasia reference also fails to disclose or suggest a system including a

central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Athanasia reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Athanasia reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Athanasia reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Athanasia reference fails to disclose or

suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Athanasia reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Athanasia reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Athanasia reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Athanasia reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-

consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

126. Demand Response: Design Principles for Creating Customer and Market Value (Peak Load Management Alliance - [www.PeakLMA.com](http://www.PeakLMA.com), November 2002)

PeakLMA discloses design principles for creating customer and market value. The PeakLMA reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the PeakLMA reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the PeakLMA reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal

based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the PeakLMA reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The PeakLMA reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the PeakLMA reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The PeakLMA reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-



consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the PeakLMA reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The PeakLMA reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the PeakLMA reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

127. Key Issues in Demand Response: Overview of PLMA Efforts -  
[www.PeakLMA.com](http://www.PeakLMA.com), Larry Barrett, Spring 2002

Barrett discloses issues in demand response. The Barrett reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational

message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Barrett reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Barrett reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Barrett reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Barrett reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Barrett reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Barrett reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Barrett reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Barrett reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one

communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Barrett reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

128. Mass Market Pay-For-Performance Demand Response - Doug Backer of Cannon Technologies (Spring 2003)

Backer discloses voluntary load management programs. The Backer reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Backer reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Backer reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Backer reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Backer reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Backer reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Backer reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Backer reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Backer reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Backer reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and

resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

129. Results of the EEI/PLMA 2001 Demand Response Benchmarking Survey, April 2002 ([www.naseo.org/committees/energyproduction/documents/](http://www.naseo.org/committees/energyproduction/documents/))

EEI/PLMA discloses a demand response benchmarking survey. The EEI/PLMA reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the EEI/PLMA reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the EEI/PLMA reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the EEI/PLMA reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a

transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The EEI/PLMA reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the EEI/PLMA reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The EEI/PLMA reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the EEI/PLMA reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having



the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The EEI/PLMA reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the EEI/PLMA reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

130. Demand Response Programs: An Emerging Resource for Electricity Markets - Opportunities for Federal Customers, Charles Goldman, October 11, 2001 ([www.eetd.lbl.gov/ea/EMS/EMS\\_pubs.html](http://www.eetd.lbl.gov/ea/EMS/EMS_pubs.html))

Goldman discloses demand response programs. The Goldman reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or

more devices as recited in claims 1-179 and 411-413. In addition, the Goldman reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Goldman reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Goldman reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Goldman reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least

one device as recited in claims 393-399. In addition, the Goldman reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Goldman reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Goldman reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

The Goldman reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Goldman reference fails to disclose or suggest a system that involves a module that

identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

131. California Public Benefit Programs and Funds: Opportunities for Federal Customers, Charles Goldman, August 30, 2001 ([www.eetd.lbl.gov/ea/EMS/EMS\\_pubs.html](http://www.eetd.lbl.gov/ea/EMS/EMS_pubs.html))

Goldman discloses voluntary load management programs. The Goldman reference fails to disclose or suggest the elements of the method of claim 1 including generating at least one informational message at a central server related to one or more of resource-consumption by, resource-production by and control of at least one device; and transmitting the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device of one or more devices as recited in claims 1-179 and 411-413. In addition, the Goldman reference also fails to disclose or suggest a system including a central server that generates at least one informational message related to one or more of resource-consumption by, resource-production by and control of at least one device of one or more devices; and a communication link that transmits the at least one informational message to at least one communication device, where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 180-358 and 414-416.

Additionally, the Goldman reference fails to disclose or suggest a method that involves making a determination concerning one or more of resource-consumption and resource-production of one or more devices; and transmitting at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least

in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 359-375. Also, the Goldman reference fails to disclose or suggest a system that includes a determination module that makes a determination concerning one or more of resource-consumption and resource-production of one or more devices; and a transmitting module that transmits at least one command to a central server, wherein the at least one command is related to controlling at least one device and is based at least in part on the determination and wherein the central server generates at least one control signal based on the at least one command for controlling the at least one device and transmits the at least one control signal to an interface unit to take an action having an effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 376-392.

The Goldman reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and communicating with the at least one device in accordance with the at least one control signal, to take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device as recited in claims 393-399. In addition, the Goldman reference fails to disclose or suggest a method that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and altering one or more of an indicator and an alarm in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claim 400-401.

The Goldman reference also fails to disclose or suggest a system that involves a receiving module that receives at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and a communication module that communicates with the at least one device in accordance with the at least one control signal, to

take an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited in claims 402-408. In addition, the Goldman reference fails to disclose or suggest a system that involves receiving at least one control signal at one or more interface units wherein the at least one control signal is related to controlling at least one device; and performing one or more of displaying data and activating, de-activating, and alerting one or more of an indicator and an alarm, in response to the at least one control signal, to provide information associated with taking an action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to the at least one device, as recited by claims 409-410.

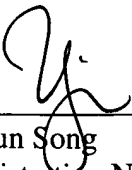
The Goldman reference fails to disclose or suggest a method that involves identifying at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station; generating a message related to one or more of resource-consumption and resource-production for the at least one station; and transmitting the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 417-424. Also, the Goldman reference fails to disclose or suggest a system that involves a module that identifies at least one station from a plurality of stations for adjusting one or more of resource-consumption and resource-production associated with the at least one station and generates a message related to one or more of resource-consumption and resource-production for the at least one station; and a communication link that transmits the message to the at least one station wherein the at least one station generates an informational message to at least one communication device where the at least one communication device enables the taking of at least one action having the effect of providing a change of one or more of resource-consumption and resource-production attributed to at least one device associated with the at least one communication device, as recited by claims 425-432.

CONCLUSION

On the basis of the foregoing, the Applicants respectfully request the granting of this  
Petition so that the application will be taken up promptly, and respectfully solicit favorable  
examination at that time.

Respectfully submitted,

By:

  
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Dated: May 14, 2004